

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064660.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 10:58
 Operator : YP/AJ
 Sample : EPH CARTRIDGE #01
 Misc : E3573 LOT#M06026
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGE #01

Integration File: autoint1.e
 Quant Time: Sep 26 11:52:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.952	7237916	49.692 ug/ml
Spiked Amount 50.000		Recovery =	99.38%
Target Compounds			
1) T n-Nonane (C9)	3.320	5331353	30.169 ug/ml
2) T n-Decane (C10)	4.380	6621767	36.860 ug/ml
4) T n-Dodecane (C12)	6.391	7585751	41.763 ug/ml
6) T n-Tetradecane (C14)	8.178	7850199	44.242 ug/ml
7) T n-Hexadecane (C16)	9.771	8549320	47.561 ug/ml
8) T n-Octadecane (C18)	11.207	9156862	50.575 ug/ml
10) T n-Eicosane (C20)	12.510	9351061	54.896 ug/ml
11) T n-Heneicosane (C21)	13.120	9019784	54.459 ug/ml
13) T n-Docosane (C22)	13.703	8895435	54.604 ug/ml
14) T n-Tetracosane (C24)	14.800	8678253	54.663 ug/ml
15) T n-Hexacosane (C26)	15.815	8289383	54.304 ug/ml
16) T n-Octacosane (C28)	16.762	8002599	54.072 ug/ml
17) T n-Tricontane (C30)	17.646	7747553	52.152 ug/ml
18) T n-Dotriacontane (C32)	18.475	7413668	50.800 ug/ml
19) T n-Tetratriacontane (C34)	19.253	7165008	50.399 ug/ml
20) T n-Hexatriacontane (C36)	19.990	6812740	49.463 ug/ml
21) T n-Octatriacontane (C38)	20.710	6769874	49.397 ug/ml
22) T n-Tetracontane (C40)	21.593	6589914	48.446 ug/ml

(f)=RT Delta > 1/2 Window

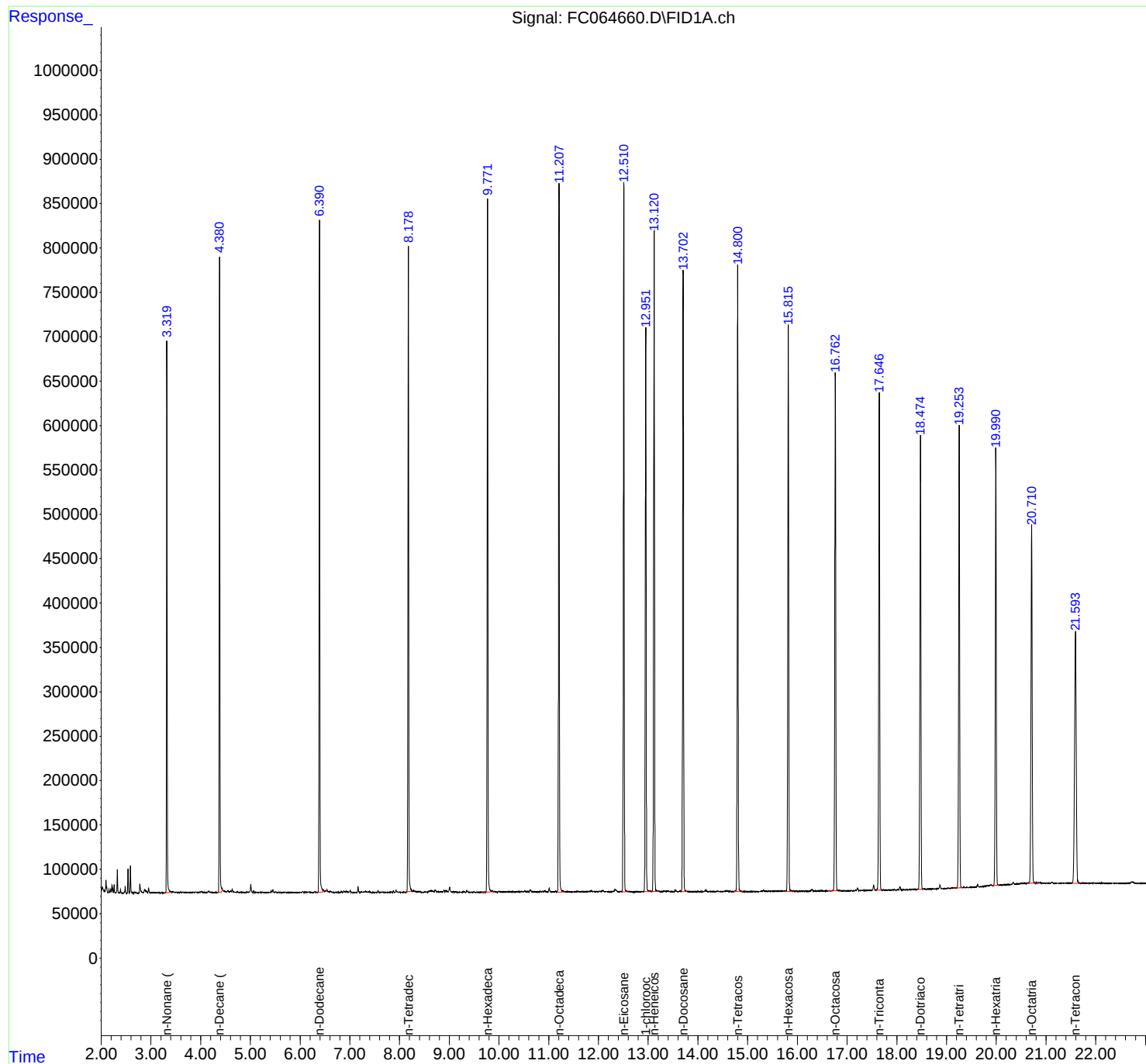
(m)=manual int.

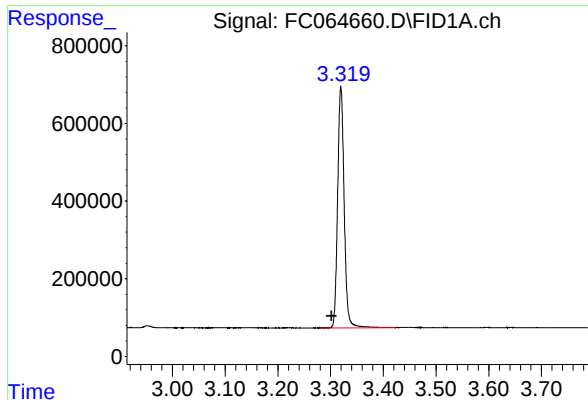
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
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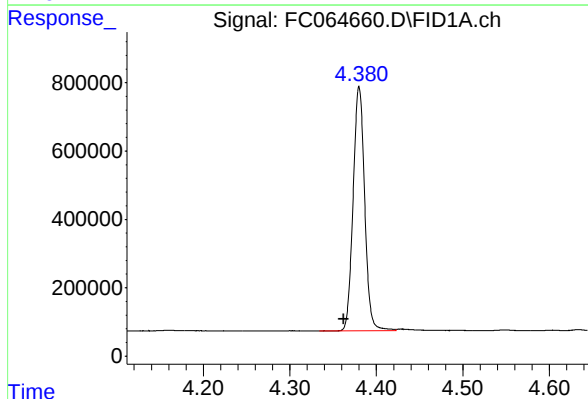




#1 n-Nonane (C9)

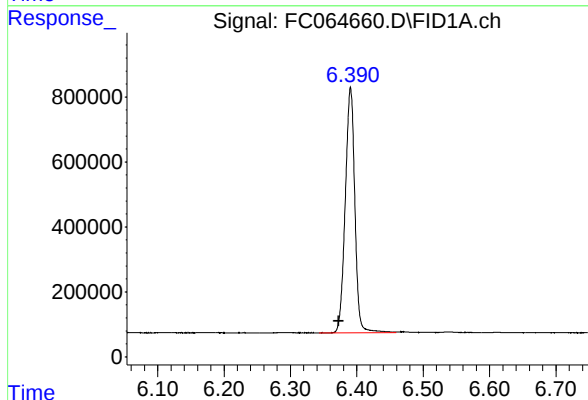
R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 5331353
Conc: 30.17 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGE #01



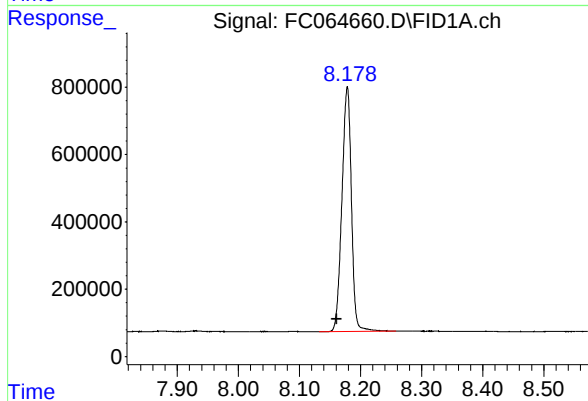
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.018 min
Response: 6621767
Conc: 36.86 ug/ml



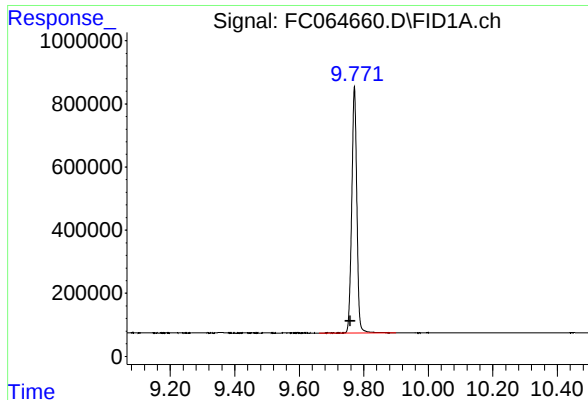
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.018 min
Response: 7585751
Conc: 41.76 ug/ml



#6 n-Tetradecane (C14)

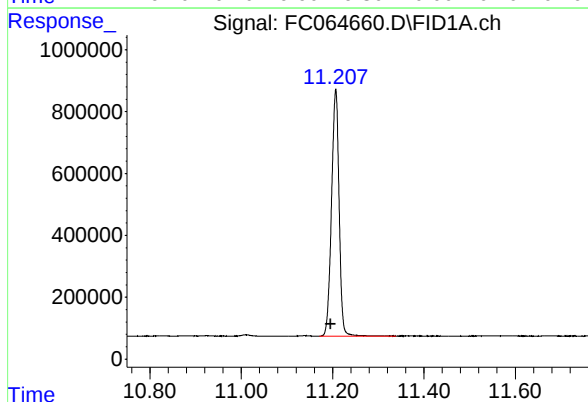
R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 7850199
Conc: 44.24 ug/ml



#7 n-Hexadecane (C16)

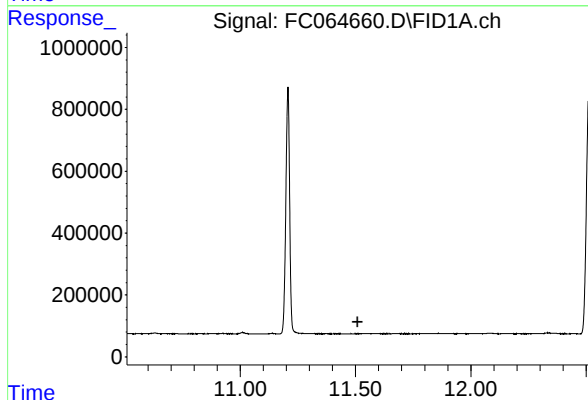
R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 8549320
Conc: 47.56 ug/ml

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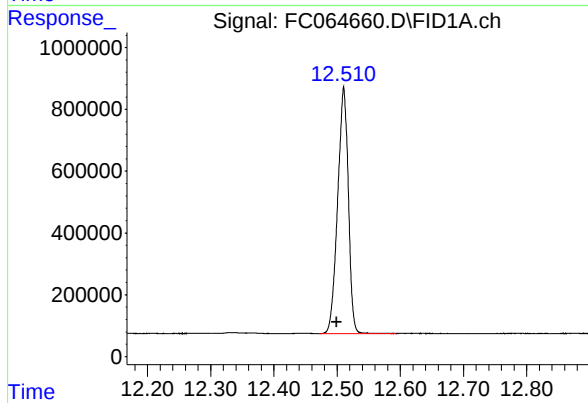
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.012 min
Response: 9156862
Conc: 50.58 ug/ml



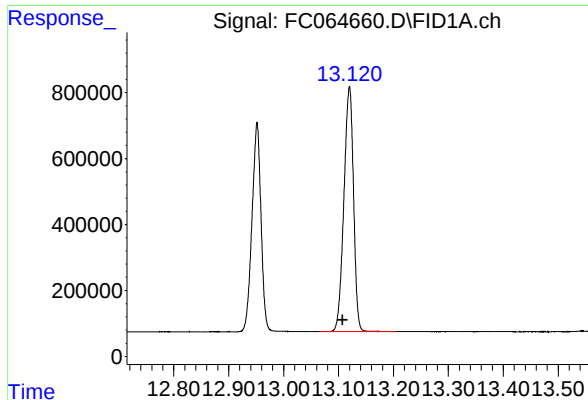
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

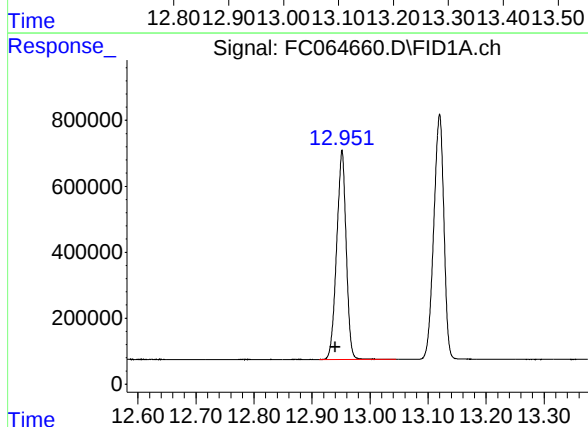
R.T.: 12.510 min
Delta R.T.: 0.011 min
Response: 9351061
Conc: 54.90 ug/ml



#11 n-Heneicosane (C21)

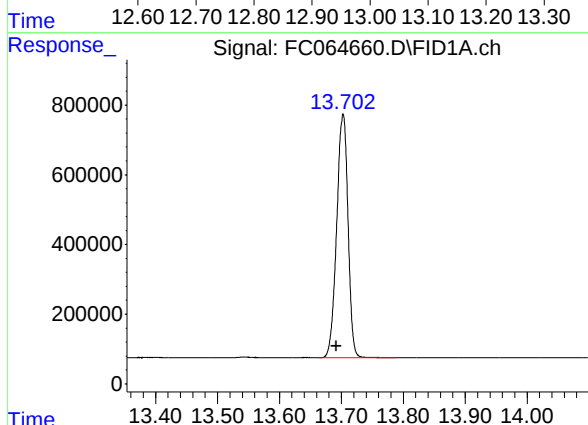
R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 9019784
Conc: 54.46 ug/ml

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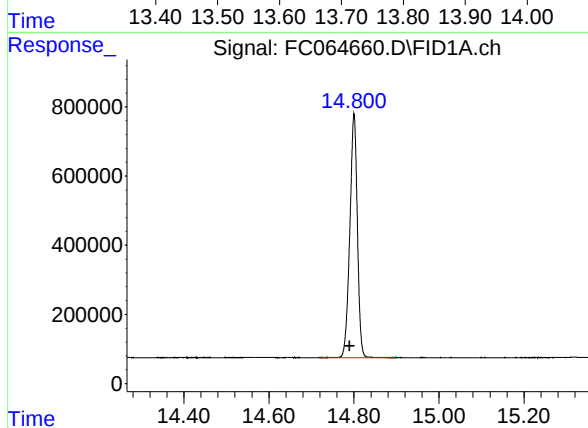
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: 0.011 min
Response: 7237916
Conc: 49.69 ug/ml



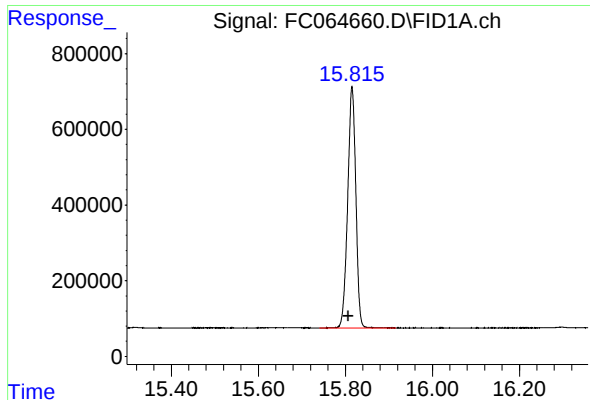
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 8895435
Conc: 54.60 ug/ml



#14 n-Tetracosane (C24)

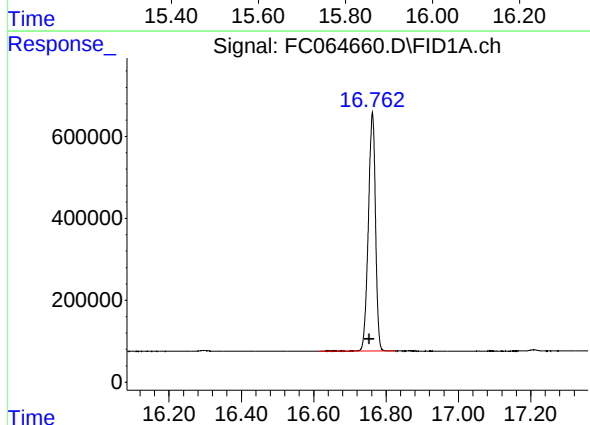
R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 8678253
Conc: 54.66 ug/ml



#15 n-Hexacosane (C26)

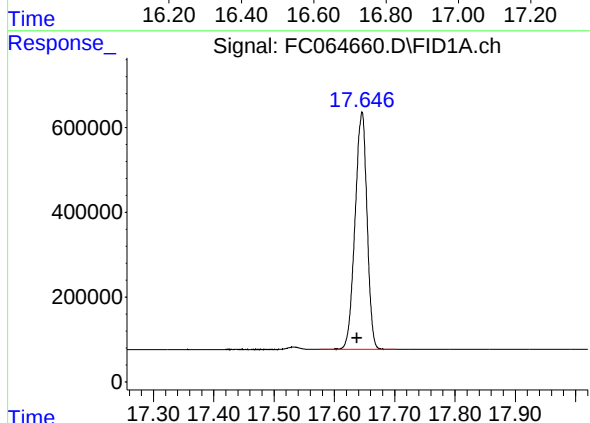
R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 8289383
Conc: 54.30 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGE #01



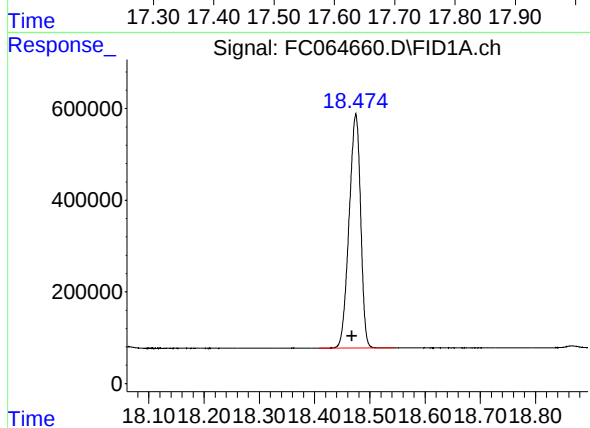
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.009 min
Response: 8002599
Conc: 54.07 ug/ml



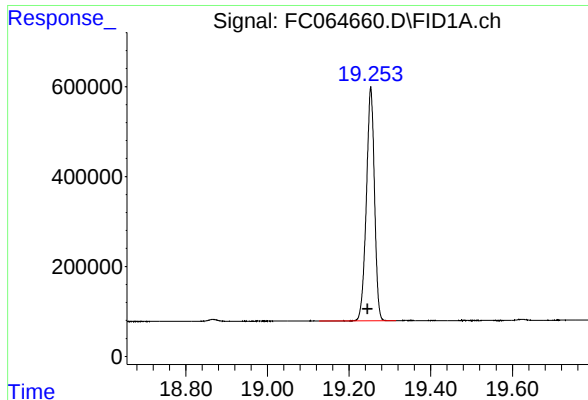
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.009 min
Response: 7747553
Conc: 52.15 ug/ml



#18 n-Dotriacontane (C32)

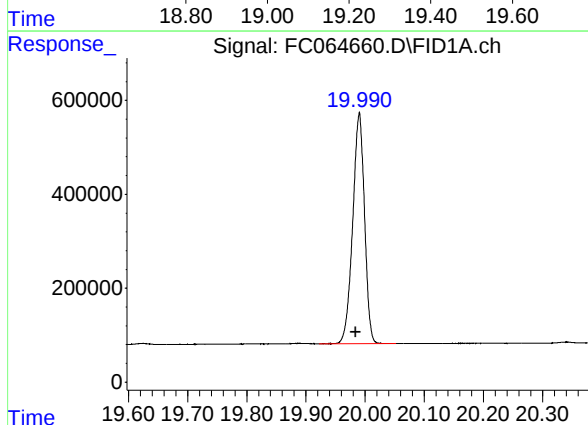
R.T.: 18.475 min
Delta R.T.: 0.007 min
Response: 7413668
Conc: 50.80 ug/ml



#19 n-Tetratriacontane (C34)

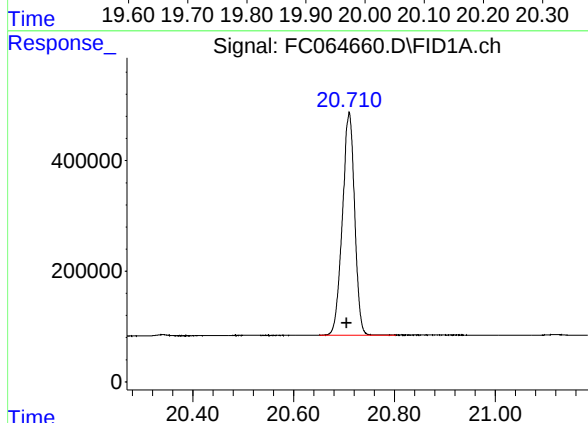
R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 7165008
Conc: 50.40 ug/ml

Instrument :
FID_C
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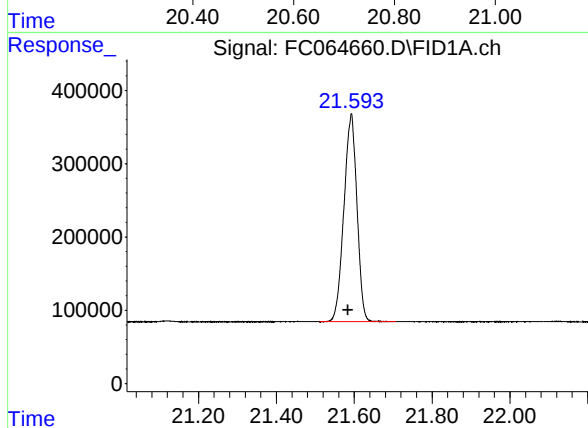
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.007 min
Response: 6812740
Conc: 49.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 6769874
Conc: 49.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.009 min
Response: 6589914
Conc: 48.45 ug/ml